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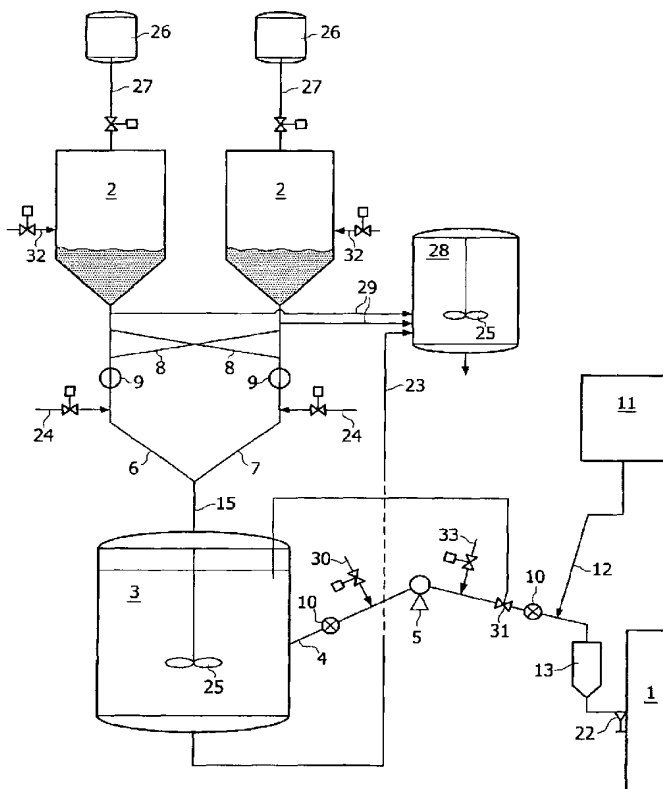
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(54) Title: METHOD AND APPARATUS FOR PREPARING AND SUPPLYING CATALYST SLURRY TO A POLYMERISATION REACTOR.



(57) Abstract: The present invention relates to an apparatus for preparing and supplying catalyst to an ethylene slurry loop polymerisation reactor and to an apparatus for controlling the injection of catalyst slurry in a polymerization reactor wherein polyethylene is prepared. The present invention also relates to a method for optimising catalyst supply to a polymerisation reactor. The diluted catalyst is transferred to the reactor (1) using a membrane pump (5) controllable in function of the concentration of a reactant in said reactor (1).

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